

1/4

1 50
 TGTTAATGAA GATAAATATT TTTGTTTTTT CGCTGTTCTA AACCTAGGGT
 ACAATTACTT CTATTTATAA AAACAAAAAA GCGACAAGAT TTGGATCCCA

51 100
 TACAAGAAGT AATTTATCTG GAGCTAACAA ATACTTTATT TTACCTTTTT
 ATGTTCTTCA TTAAATAGAC CTCGATTGTT TATGAAATAA AATGGAAAAA

101 150
 ATTTGCAAGT AGTTTATGTT CAATTCTAAT TTAATGTATA TTAAAAATTC
 TAAACGTTCA TCAAATACAA GTTAAGATTA AATTACATAT AATTTTTAAG

151 200
 5' PRIMER DELF1 3'
 CTCTGCAAAT ATGTGAGGAG GGACCTCATA AAATATTGTC ATATGGAAAT
 GAGACGTTTA TACTCTCCTC CCTGGAGTAT TTTATAACAG TATACCTTTA

201 250
 GAGCAGATAA TAAAGATTAT AGCTTTTCTT TGTCAAAAGG AGACTCAATA
 CTCGTCTATT ATTTCTAATA TCGAAAAGAA ACAGTTTTCC TCTGAGTTAT

251 295
 TCTTTACTCT TTCATGAG GAC ATT GTG ACA AAT GTT TCC CCC AGA
 AGAAATGAGA AAGTAGTC CTG TAA CAC TGT TTA CAA AGG GGG TCT
 D I V T N V S P R
 5' 3'

296 337
 ATC ATC CGG GGA ACC ACC TCT GGC CCC ATG TAT GGC CCT GGA
 TAG TAG GCC CCT TGG TGG AGA CCG GGG TAC ATA CCG GGA CCT
 I I R G T T S G P M Y G P G

338 379
 CAA AGC TCC TTT CTG AAT ATT GAG CTC ATC AGT GAG AAA ACG
 GTT TCG AGG AAA GAC TTA TAA CTC GAG TAG TCA CTC TTT TGC
 Q S S F L N I E L I S E K T

380 421
 GCT GCA TAT TGG TGT CAA AGT GTC ACT GAA CTA AAG GCT GAC
 CGA CGT ATA ACC ACA GTT TCA CAG TGA CTT GAT TTC CGA CTG
 A A Y W C Q S V T E L K A D
 3' 5'

FIG. 1A.

Mae II

2/4

422

470

TTC CCA GAC AAC G TAAGTG TGATAAAAAT CTAAAACAAG AGAATTGGCA
 AAG GGT CTG TTG C ATTCAC ACTATTTTTA GATTTTGTTT TCTTAACCGT
 F P D N X

471

520

TAAGTTGGTG AATGTTTATT TAAACATCCA ATTCATAGGC TTATAAATAT
 ATTCAACCAC TTACAAATAA ATTTGTAGGT TAAGTATCCG AATATTTATA

521

570

TAATGTGTAT ATTTTATCAA CGAATCTGCC AGTTGCTTTG CTGATGCATA
 ATTACACATA TAAAATAGTT GCTTAGACGG TCAACGAAAC GACTACGTAT

3' PRIMER DELR1

5'

571

620

GAAAGATAAA AAAGAAAGAA AAGCTCAAGA ACTCATAAAA ACCCACACAA
 CTTTCTATTT TTTCTTTCTT TTCGAGTTCT TGAGTATTTT TGGGTGTGTT

621

670

TGTGAAGCTC TGTTATAAAT GGGTGCCATG TAAGATGGAA GAAGTATCTA
 ACACTTCGAG ACAATATTTA CCCACGGTAC ATTCTACCTT CTTCATAGAT

671

720

CATAAGCAGA AGGAAGAGAA ATGAAATACT CATTTTATTG AGTTGGCCCC
 GTATTCGTCT TCCTTCTCTT TACTTTATGA GTAAAATAAC TCAACCGGGG

721

770

CACTGTATGT GGCTGGTATT TATGAAGGTG ATGACCCAGG AAGAAATTGT
 GTGACATACA CCGACCATAA ATACTTCCAC TACTGGGTCC TTCTTTAACA

771

820

AAACTATAAA CCACTCCAAA TATAAACCCG AGGCAGAAGC AGCATATCTC
 TTTGATATTT GGTGAGGTTT ATATTTGGGC TCCGTCTTCG TCGTATAGAG

821

861

CTATGAAGCC TGTATTTACT CAGTGGGAAA TAATTTATTA A
 GATACTTCGG ACATAAATGA GTCACCCTTT ATTAAATAAT T

FIG. 1B.

APPROVED	G.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

668201-0808080

3/4

5' TGTTAATGAAGATAAATATTTTTATTTTTGCGCTATTCTAAACCTAGAGTTAC

AAGAAGTAATTTATCTGGAGCTAACAAATACTTTATTTTACCTTTTTTATTTGCAA

5' TGCAAATATG

GTAGTTTATGTTCAATTCTAATTTAATGTATATTAAAAATTCCTCTGCAAATATG

TGAGGAGGGACC 3'

TGAGGAGGGACCTCATAAAATATTGTCATATGGAGATGAGCAGATAATAAAGA

TTATAGCTTTTCTTTGTCAAAGGAGACTCAATATCTTTACTCTTTCATCAGGA

CATTGTGACAAATGTTTCCCCCAGAATCATCCGGGGAACCCACCTCTGGCCCCATGTATGGCCCTGGACAAAGCTCCTTTCTGAATATTGAGCTCATCAGTGAGAAAACGGCTGCATATTGGTGTCAAAGTGTCACTGAACTAAAGGCTGACTTCCCAGACAA**CGT** AAGTGTGATAAAAATCTAAAACAAGAGAATTGGCATAAGTT

GGTGAATGTTTATTTAAACATCCAATTCATAGGCTTATAAATATTAATGTGTATA

3' CTTAGACGGTCAACGAAACGAC 5'

TTTTATCAAAGAATCTGCCAGTTGCTTTGCTGATGCATAGAAAGATAAAAAAG

AAAGAAAAGCTCAAGAACTCATAAAAACCCACACAATGTGAAGCTCGTTATA

AATGGGTGCCATGTAAGATGGAAGAAGTATCTACATAAGCAGAAGGAAGAGA

AATGAAATACTCAATTTATTGAGTTGGCCCCCACTGTATGTGGCTGGCATTTA

TGAAGGTGATGACCCAGGAAGAAATTGTCACCTATAAATCATCCAAATATCC

CGAGGCAGAAGCAGCATCTCTCCTATGAAGTCTGTATTTATTTTCAGCGGGAA

ATAATTTATTA 3'

FIG. 2.

APPROVED	C.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

662207 08080860

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

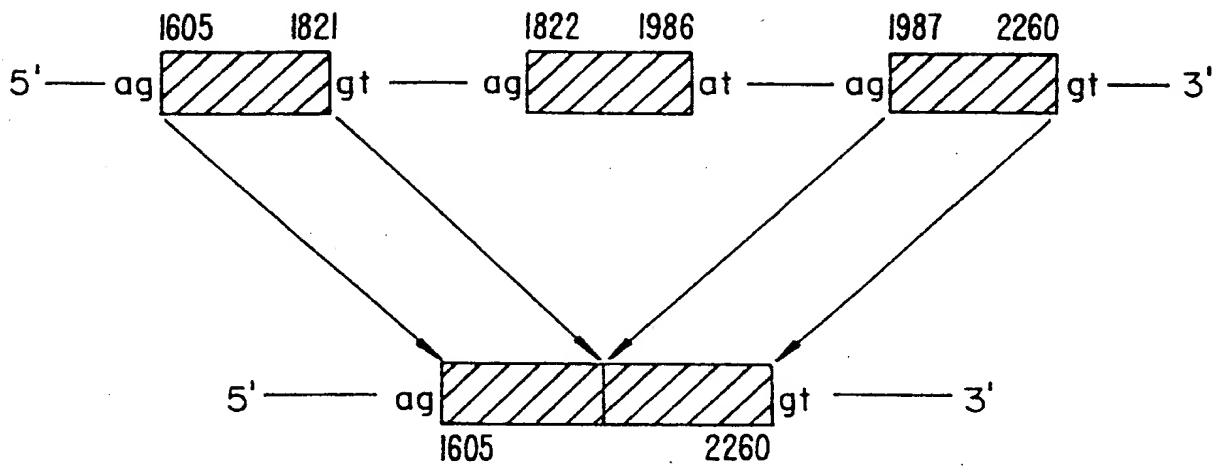


FIG. 3.

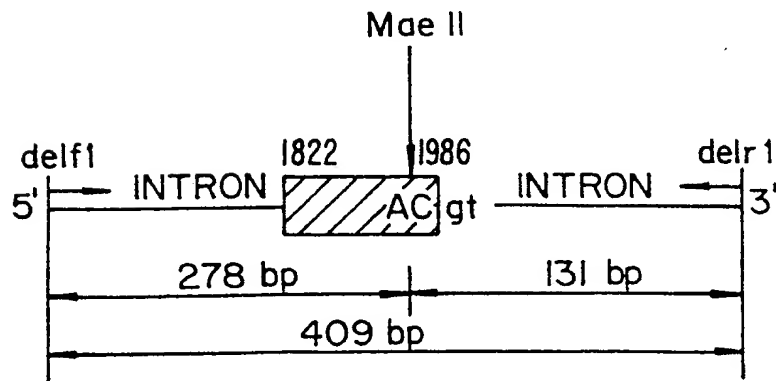


FIG. 4.